

**CLAIMS**

Mindful of the foregoing, I claim:

1. A smoke detecting power strip comprising:
  - 95 smoke detector vent holes;
  - one male A/C power plug;
  - an ionization sensor smoke detector;
  - a smoke detection control switch
  - and at least one female A/C power plug.
- 100 2. The device of claim 1, wherein there is any number and configuration of female A/C power plugs.
3. The device of claim 2, further comprising the method of automatic power shutoff to
  - 105 the female A/C power plugs, comprising the steps of:
    - (a) detecting smoke by the ionization sensor smoke detector
    - (b) creating a trigger voltage
    - (c) said trigger voltage causing the smoke detection control switch to move to the 'open' position;
    - 110 (d) said 'open' position automatically cutting off power to the female A/C power plugs.
4. A smoke detecting power strip comprising:
  - 115 smoke detector vent holes;
  - one male A/C power plug;
  - an ionization sensor smoke detector;
  - a smoke detection control switch
  - an Uninterruptible Power Source;
  - and at least one female A/C power plug.
- 120 5. The device of claim 4, wherein there is any number and configuration of female A/C power plugs.

6. The device of claim 5, further comprising the method of automatic power shutoff to  
125 the female A/C power plugs, comprising the steps of:

- (a) detecting smoke by the ionization sensor smoke detector
- (b) creating a trigger voltage
- (c) said trigger voltage causing the smoke detection control switch to move to the 'open' position;
- 130 (d) said 'open' position automatically cutting off power to Uninterruptible Power Source.

7. A smoke detecting power strip comprising:  
smoke detector vent holes;  
135 one male A/C power plug;  
a photodiode sensor smoke detector;  
a smoke detection control switch  
and at least one female A/C power plug.

140 8. The device of claim 7, wherein there is any number and configuration of female A/C power plugs.

9. The device of claim 8, further comprising the method of automatic power shutoff to  
145 the female A/C power plugs, comprising the steps of:

- (a) detecting smoke by the photodiode sensor smoke detector
- (b) creating a trigger voltage
- (c) said trigger voltage causing the smoke detection control switch to move to the 'open' position;
- 150 (d) said 'open' position automatically cutting off power to the female A/C power plugs.

10. A smoke detecting power strip comprising:  
smoke detector vent holes;  
155 one male A/C power plug;  
a photodiode sensor smoke detector;  
a smoke detection control switch

an Uninterruptible Power Source;  
and at least one female A/C power plug.

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11. The device of claim 10, wherein there is any number and configuration of female A/C power plugs.

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12. The device of claim 11, further comprising the method of automatic power shutoff to the Uninterruptible Power Source, comprising the steps of:

(a) detecting smoke by the photodiode sensor smoke detector

(b) creating a voltage trigger

(c) said voltage trigger causing the smoke detection control switch to move to the 'open' position;

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(d) said 'open' position automatically cutting off power to the Uninterruptible Power Source.

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13. The device and method of claim 6, further comprising the step of automatically cutting off power to both the female power plugs and the Uninterruptible Power Source.

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14. The device and method of claim 12, further comprising the step of automatically cutting off power to both the female power plugs and the Uninterruptible Power Source.

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15. The device and method of claim 6, further comprising one or more of the following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke detector, a Test switch for GF circuit breaker.

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16. The device and method of claim 12, further comprising one or more of the following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke detector, a Test switch for GF circuit breaker.

17. A smoke detecting power strip comprising:

smoke detector vent holes;  
one male A/C power plug;  
a beam interference smoke detector;  
195 a smoke detection control switch  
and at least one female A/C power plug.

18. The device of claim 17, wherein there is any number and configuration of female  
A/C power plugs.

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19. The device of claim 18, further comprising the method of automatic power shutoff  
to the female A/C power plugs, comprising the steps of:

(a) detecting smoke by the beam interference smoke detector  
(b) creating a trigger voltage  
205 (c) said signal causing the smoke detection control switch to move to the 'open'  
position;  
(d) said 'open' position causing the cut off of power to the female A/C power  
plugs.

210 20. A smoke detecting power strip comprising:  
smoke detector vent holes;  
one male A/C power plug;  
a beam interference smoke detector;  
a smoke detection control switch  
215 an Uninterruptible Power Source;  
and at least one female A/C power plug.

21. The device of claim 20, wherein there is any number and configuration of female  
A/C power plugs.

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22. The device of claim 21, further comprising the method of automatic power shutoff  
to the female A/C power plugs, comprising the steps of:

(a) detecting smoke by the beam interference smoke detector  
(b) creating a trigger voltage

225 (c) said trigger voltage causing the smoke detection control switch to move to  
the 'open' position;  
(d) said 'open' position cutting off power to Uninterruptible Power Source.

23. The device and method of claim 22, further comprising one or more of the  
230 following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke  
Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke  
detector, a Test switch for GF circuit breaker.

24. The device and method of claim 22, further comprising the step of automatically  
235 cutting off power to both the female power plugs and the Uninterruptible Power  
Source.